(East & USPB USPT WPID, JPD)

| 3 | Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|----------|---------|--|--------------------|---------------------|---------|------------------|
| Ì | Ŀĺ | 2447381 | etch\$ or patern\$ or remov\$ | US-PGPUB; USPAT | OR | OFF | 2005/06/18 17:53 |
| | L2 | 387081 | plasma or sputter\$ or corona or rie or mrie or merie or "glow discharg\$" or "reactive ion" | US-PGPUB; USPAT | OR | ON | 2005/06/18 17:53 |
| | L3 | 478598 | resist or photoresist or mask or photomask | US-PGPUB; USPAT | OR | ON | 2005/06/18 17:53 |
| | L4 | 156740 | electrostatic\$ or "electro static\$" | US-PGPUB; USPAT | OR | ON | 2005/06/18 17:16 |
| | L5 | 4383 | 4 with chuck | US-PGPUB; USPAT | ÖR | ON | 2005/06/18 17:16 |
| | L6 | 1610 | backgas\$ or "back gas" | US-PGPUB; USPAT | OR | ON | 2005/06/18 17:16 |
| | L7 | 896587 | coolant or cooling or cools or cooled | US-PGPUB; USPAT | OR | ON | 2005/06/18 17:17 |
| | L8 | 41330 | "leakage current" | US-PGPUB; USPAT | OR | ON | 2005/06/18 17:17 |
| | L9 | 107302 | 1 with 2 | US-PGPUB; USPAT | OR | ON | 2005/06/18 17:17 |
| | L10 | 46019 | 3 same 9 | US-PGPUB; USPAT | OR | ON | 2005/06/18 17:17 |
| | Lii | 2 | 10 same 6 | US-PGPUB; USPAT | OR | ON | 2005/06/18 17:17 |
| | L12 | 580 | 10 same 7 | US-PGPUB; USPAT | OR | ON | 2005/06/18 17:18 |
| | L13 | 122 | 10 same 8 | US-PGPUB; USPAT | OR | ON | 2005/06/18 17:18 |
| | L14 | 87 | 10 same 5 | US-PGPUB; USPAT | OR | ON | 2005/06/18 17:18 |
| | L15 | 3 | 12 and 13 | US-PGPUB; USPAT | OR | ON | 2005/06/18 17:18 |
| | L16 | 0 | 13 and 14 | US-PGPUB; USPAT | OR | ON | 2005/06/18 17:19 |
| | L17 | 3 | 13 and (12 or 14) | US-PGPUB; USPAT | OR | ON | 2005/06/18 17:19 |
| | L18 | 5 | 11 or 15 or 17 | US-PGPUB; USPAT | OR | ON | 2005/06/18 17:21 |
| | L19 | 109 | 12 same (he or helium) | US-PGPUB; USPAT | OR | ON | 2005/06/18 17:22 |
| | L20 | 0 | 13 same (he or helium) | US-PGPUB; USPAT | OR | ON | 2005/06/18 17:22 |
| | L21 | 226 | 8 same (he or helium) | US-PGPUB; USPAT | OR | ON | 2005/06/18 17:22 |

| Ó | L22 | 13 | 1 same 21 same 2 | US-PGPUB; USPAT | OR | ON | 2005/06/18 17:24 |
|---|------------------|---------|--|----------------------|------|-----|------------------|
| | L23 | 114705 | 7 with gas | US-PGPUB; USPAT | OR | ON | 2005/06/18 17:25 |
| | L24 | 893 | 9 same 23 | US-PGPUB; USPAT | OR | ON | 2005/06/18 17:25 |
| | L25 | 131 | 3 same 24 | US-PGPUB; USPAT | OR | ON | 2005/06/18 17:25 |
| | L26 | 7 | 5 same 25 | US-PGPUB; USPAT | OR | ON | 2005/06/18 17:31 |
| | L27 | 2140 | alicyclic with (acrylate or methacrylate) | US-PGPUB; USPAT | OR | ON | 2005/06/18 17:38 |
| | L28 | 293 | 27 same 3 | US-PGPUB; USPAT | OR | ON | 2005/06/18 17:35 |
| | L29 | 8 | 1 same 2 same 28 | US-PGPUB; USPAT | OR | ON | 2005/06/18 17:35 |
| | L30 _. | 15 | alicyclic same (acrylate or methacrylate) same 3 same 1 same 2 | US-PGPUB; USPAT | OR . | ON | 2005/06/18 17:52 |
| | L31 | 7 | 30 not 29 | US-PGPUB; USPAT | OR | ON | 2005/06/18 17:39 |
| | L32 | 3 | 30 same (6 or 7 or 8 or heat or 4) | US-PGPUB; USPAT | OR | ON | 2005/06/18 17:40 |
| | L33 | 3 | 31 and 32 | US-PGPUB; USPAT | OR | ON | 2005/06/18 17:42 |
| | L34 | 1 | 30 and (12 or 13 or 14) | US-PGPUB; USPAT | OR | ON | 2005/06/18 17:43 |
| | L35 | 14 | 30 and temperature | US-PGPUB; USPAT | OR | ON | 2005/06/18 17:44 |
| | L36 | 174 | alicyclic same (acrylate or methacrylate) same 3 same 1 | US-PGPUB; USPAT | OR | ON | 2005/06/18 17:50 |
| | L37 | 18106 | 9 same temperature | US-PGPUB; USPAT | OR | ON | 2005/06/18 17:50 |
| | L38 | 11 | 36 and 37 | US-PGPUB; USPAT | OR | ON | 2005/06/18 17:50 |
| | L39 | 6 | 38 not 30 | US-PGPUB; USPAT | OR | ON | 2005/06/18 17:50 |
| | L40 | 1502 | alicyclic same (acrylate or methacrylate) | EPO; JPO; DERWENT | OR | ON | 2005/06/18 17:52 |
| | L41 | 359499 | resist or photoresist or mask or photomask | EPO; JPO; DERWENT | OR | ON | 2005/06/18 18:19 |
| | L42 | 63 | 40 same 41 | EPO; JPO; DERWENT | OR | ON | 2005/06/18 17:53 |
| | L43 | 1811017 | etch\$ or patern\$ or remov\$ | EPO; JPO; DERWENT | OR | OFF | 2005/06/18 17:53 |

| L44 | 39 | 42 and 43 | EPO; JPO; DERWENT | OR | OFF | 2005/06/18 17:53 |
|-----|-------------|--|-----------------------------------|-------|---------|------------------|
| L45 | 289562 | plasma or sputter\$ or corona or rie or mrie or merie or "glow | EPO; JPO; DERWENT | OR | ON | 2005/06/18 17:54 |
| L46 | 2 | discharg\$" or "reactive ion" 44 and 45 | EPO; JPO; DERWENT | OR | ON | 2005/06/18 17:55 |
| L47 | 37 | 44 not 46 | EPO; JPO; DERWENT | OR | ON | 2005/06/18 17:55 |
| L48 | 1 | 47 and temperature | EPO; JPO; DERWENT | OR | ON | 2005/06/18 17:55 |
| L49 | 6 | 47 and (cool\$ or heat\$ or gas or electrostatic\$ or "leakage current" or "electro static\$") | EPO; JPO; DERWENT | OR | ON | 2005/06/18 17:58 |
| L50 | 30 | 47 not (48 or 49) | EPO; JPO; DERWENT | OR | ON | 2005/06/18 17:58 |
| L51 | 39 | 41 and 43 and 44 | EPO; JPO; DERWENT | OR | ON | 2005/06/18 18:02 |
| L52 | 20529 | 41 and 43 and 45 | EPO; JPO; DERWENT | OR | ON | 2005/06/18 18:02 |
| L53 | 2045 | 52 and temperature | EPO; JPO; DERWENT | OR | ON | 2005/06/18 18:02 |
| L54 | 117 | cool\$ and 53 | EPO; JPO; DERWENT | OR | ON | 2005/06/18 18:03 |
| L55 | 11 | 54 and (electrostatics or chucks or backside or "back side") | EPO; JPO; DERWENT | OR | ON | 2005/06/18 18:03 |
| L56 | 5 | 54 and (he or helium) | EPO; JPO; DERWENT | OR | ON | 2005/06/18 18:04 |
| L57 | 11012 | 55 or 56 | EPO; JPO; DERWENT | OR | ON | 2005/06/18 18:10 |
| L58 | 11812 | "low k" or "low dielectric" 43 with 58 | EPO; JPO; DERWENT | OR | ON | 2005/06/18 18:11 |
| L60 | 1041 222 | 45 same 59 | EPO; JPO; DERWENT EPO; JPO; | OR OR | ON | 2005/06/18 18:11 |
| L61 | 19 | 60 same (temp or temperature or | DERWENT EPO; JPO; | OR | ON | 2005/06/18 18:11 |
| | | cool\$ or electrostatic\$ or "electro static\$") | DERWENT | | | |
| L62 | 8701 | "20 c" or "0 c" | EPO; JPO; DERWENT | OR | ON | 2005/06/18 18:17 |
| L63 | 0 | 60 and 62 | EPO; JPO; DERWENT | OR | ON | 2005/06/18 18:17 |
| L64 | 10856 | "liq\$ n2" or "liq\$ nitrogen" or "liq\$ n.sub.2" | EPO; JPO; DERWENT | OR | ON | 2005/06/18 18:18 |

| L65 | 0 | 60 and 64 | EPO; JPO; DERWENT | OR | ON | 2005/06/18 18:18 |
|-----|-------|---|----------------------|----|----|------------------|
| L66 | 29245 | low with (k or dielectric) | EPO; JPO; DERWENT | OR | ON | 2005/06/18 18:18 |
| L67 | 1675 | 43 with 66 | EPO; JPO; DERWENT | OR | ON | 2005/06/18 18:19 |
| L68 | 404 | 67 and 45 | EPO; JPO; DERWENT | OR | ON | 2005/06/18 18:19 |
| L69 | 0 | 68 and (62 or 64) | EPO; JPO; DERWENT | OR | ON | 2005/06/18 18:19 |
| L70 | 186 | 68 and 41 | EPO; JPO; DERWENT | OR | ON | 2005/06/18 18:19 |
| L71 | 37 | 70 and (temp or temperature or cool\$ or electrostatic\$ or "electro static\$") | EPO; JPO; DERWENT | OR | ON | 2005/06/18 18:20 |